

NAUMOV, Pavel Alekseyevich; CHANTSOV, Sergey Dmitriyevich. Prinimali uchastiye: PRAMENK, G.F.; GRIGOR'YEV, V.I. PERECUDOV, A.N., retsenzent; LESHCHUK, I.A., retsenzent; KORDOBOVSKIY, A.I., retsenzent; TOMASHEVSKIY, B.A., otv.red.; KIRILLOV, L.M., red.; MARKOCH, K.G., tekhn.red.

[Course in telegraphy] Kurs telegrafii. Moskva, Gos.izd-vo lit-ry po voprosam svyazi i radio. Pt.2. [Synchronous apparatus, voice-frequency carrier and subscriber's telegraph exchanges, measurements and automatic control] Sinkhronnye apparaty, tonal'noe i abonent'skoe telegrafirovanie, izmereniya i avtomatizatsiya. 1961. 294 p. (MIRA 14:12)
(Telegraph)

DIMAKSYAN, A.M.; LESHCHUK, I.A.; PETROV, V.P.; PCGORELYY, V.I.

Operating principle and description of the basic nodes of the
first variant of an automatic telemetering system. Trudy CGI
no.115:3-13 '64. (MIRA 18:9)

USSR/Virology. Bacteria Viruses (Phage).

E

Abs Jour: Ref Zhur-Biol., No 17, 1958, 76426.

Author : Leshchuk, I. P.

Inst :

Title : Some Peculiarities of the Bacteriophage of a
Sclerom Bacillus.

Orig Pub: V sb.: Probl. sklerom. infektsii. Minsk, Gosizdat
USSR, 1957, 61-66.

Abstract: Best results are obtained by isolating phages from
broth cultures. By the method of long cultivation
in DPM, 14 phages were isolated from 20 cultures;
by the method of cultivation in a paraffin-sealed
test tube, 7 phages were isolated from these cultures.
Phages were also isolated during cultivation on agar

Card : 1/2

KRISHTAL'SKAYA, L.R. [Kryshthal'skaya, L.R.]; LESHCHUK, I.P.

Role of phagotype 80 Shigella flexneri in the origin of surgical
infections. Mikrobiol. zhur. 27 no.3:35-38 '65.

(MIRA 18:6)

1. L'vovskaya oblastnaya bol'nitsa i L'vovskiy meditsinskiy institut.

IVANOVA, V.A.; PATSYUK, M.L.; KOZLOVA, E.A.; Prinimala uchastiye
LESHCHUK, L.F.

Preparation of furfurole by the "Aggrifuran" battery method.
Sbor.trud. NIIGS 11:119-126 '63. (MIRA 16:12)

1. LESHCHUK, T.YA.
2. USSR (600)
4. Agriculture
7. Essential oil plants of the Souther U.S.S.R. Simferopol', Krymizdat. 1952
9. Monthly List of Russian Accessions, Library of Congress, March, 1953. Unclassified.

ALEKSEYEVA, Ye.I., kand. sel'khoz. nauk; BUZINOV, P.A., kand. sel'khoz. nauk; VODOLAGIN, V.D.; VOLKHOVSKAYA, U.V.; GLUSHCHENKO, N.N., kand. biol. nauk; GURVICH, N.L., doktor biol. nauk; ZHELEZNOV, F.A., kand. sel'khoz. nauk; KSENDZ, A.T.; LESHCHUK, T.Ya.; LUK'YANOV, I.A., kand. sel'khoz. nauk; MAYCHENKO, Z.G., kand. sel'khoz. nauk; TANASIYENKO, F.S., kand. khim. nauk; ZNAMENSKIY, M.P.; PERSIDSKAYA, K.G.; PODLESNOVA, A.F.; ROGOCHIIY, I.Ya.; REZNIKOV, A.R.; SHUL'GIN, G.T.; KHOTIN, A.A., doktor sel'khoz. nauk; LAPSHINA, O.V., red.; MINENKOVA, V.R., red.; MAKHOVA, N.N., tekhn. red.; BALLOD, A.I., tekhn. red.

[Aromatic plants] Efiromaslichnye kul'tury. Moskva, Sel'-khozizdat, 1963. 358 p. (MIRA 16:12)
(Ukraine--Aromatic plants)

LESHE, A.

48-8-4, '25

AUTHOR: Leshe, A.

TITLE: Application of Paramagnetic Resonance (Nuclear Induction) on the Investigation of the Structure of Seignette Salt and Aethoxilinic Resins (Primeneniye paramagnitnogo rezonansa (yadernoy induktsii) dlya issledovaniya struktury segnetovoy soli i epoksidnykh smol)

PERIODICAL: Izvestiya AN SSSR Seriya Fizicheskaya, 1957, Vol. 21, Nr 3, pp. 1064 - 1071 (USSR)

ABSTRACT: The measuring of the magnetic moments of nuclei represented a difficult problem up to 1945. The experience gained by Bloch and Parcell lead to new methods of measuring nuclear spins by means of radio frequency methods. The author mentions his experience gained at the Institute for Nuclear Physics in Leipzig, which he wants to discuss here. He starts out from the well known assumption, that the nuclear spin which is characterized by the gyromagnetic ratio γ , precesses in the magnetic field with the Larmor-frequency: $\omega_0 = \gamma H$. This can be established by energy absorption, which occurs in a frequency field of identical frequency and corresponding polarization. Charging to the

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Application of Paramagnetic Resonance (Nuclear Induction) on the Investigation of the Structure of Seignette Salt and Aethoxilinic Resins

analysis of the figure the author states as follows: 1.) If the molecules containing the nuclei, which are to be investigated, rotate with a frequency much greater than the Larmor frequency, then the internal fields equal to zero. This is the case in liquids. 2.) In order to determine the course of the curve in the case of the crystal, the dependence on r^{-6} (nuclear distance) is considered to be most important. In a first order approximation the nearest neighbors of each nucleus are considered. On the assumption, that each group consists of two nuclei, one arrives at the two-proton system. In the case of a monocrystal the directions from one proton to the other are parallel, the internal fields are equal and a doublet is produced with the distance between line centers as follows: $H_{20K} = \pm \alpha (3 \cos^2 \delta \cos^2 \varphi - 1)$, $\alpha = -\frac{3}{2} \mu a^{-3}$, μ denoting the nuclear magnetic moment, a the distance between the protons. If the crystal is rotated around its axis, the distances between the doublet components are obtained for different angles δ . By this method the directions between protons and the distance between proton groups are established. In the case of powder it is assumed, that the proton systems are in absolute disorder, which furnishes

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48-8-1/25

Application of Paramagnetic Resonance (Nuclear Induction) on the
Investigation of the Structure of Seignette Salt and Aethoxilinic Resins

for the second moment: $H = 9/20 \gamma^2 \hbar^2 1/a^6$. Measurements are conducted with the nuclear spectrometer. In the case of Seignette salt the position of the atoms of K, Na, C, O is known from X-ray analysis. Some of the protons, characterizing the Seignette electric properties of the substance are determined by the formula $\Delta H^2 = 18,3 \text{ Gs}^2$. In order to interpret the curves of proton absorption it is assumed, that the shape of the curve is mainly determined from the protons bound in the H_2O molecules. In this case the elementary cell consists of 16 molecules of H_2O . Afterwards it was established, that the formula $\Delta H^2 = 18,3 \text{ Gs}^2$ in this case applies to powdered substance.

In the case of ethylinic resins two groups of protons can be distinguished: protons of the benzole and the methyl group CH_3 . Here the liquid sample suffices, which hardened after 1,5 hrs. With the microscope it was established, that the narrow line widened after 20 min. The moment increased after 1 hr. to 1,3 Gs^2 and remained stationary for the following 20 hrs, later on it mounted to about 10 Gs^2 . The methyl groups continued to

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Application of Paramagnetic Resonance (Nuclear Induction) on the
Investigation of the Structure of Seignette Salt and Aethoxilinic Resins

turn for about 24 hrs, until they were frozen in by the neighboring molecules. In this way the phenomenon of nuclear magnetism is applied in the solution of problems of the structure of hardened resins. There are 7 figures and no references.

ASSOCIATION: **Institute of Physics** of the Leipzig University, Germ. Dem. Rep.
(Fizicheskiy Institut Leyptsigskogo universiteta, G.D.R.)

AVAILABLE: Library of Congress

Card 4/4

S/080/60/033/008/014/022/XX
D213/D304

AUTHORS: Leshek, F., Sytarzh, M., and Khromechek, R.
TITLE: Methods of producing ion-exchangers by globular
polycondensation
PERIODICAL: Zhurnal prikladnoy khimii, v. 33, no. 8, 1960,
1745 - 1755

TEXT: The paper begins with a detailed review of literature on the development of ion-exchange resins and their uses. The purpose of the investigations reported in the paper was to study the effect of operating conditions, particularly of mixing, on the production of copolymer globules by polycondensation and polymerization in suspensions. In the experiments, a 29-liter reactor was mostly used, some experiments being made in larger (65 and 180 liter) ones, in each case fitted with tubes for temperature measurement. Globule diameter of the product was determined using the equation:

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D213/D304

Method of producing ion

$$d = d_{cp} = \sum \frac{d_i x_i}{100}$$

where d_i is the arithmetical mean of the diameters of the holes in this sieve used (in mm.) and x_i is the gravimetric proportion of the appropriate fraction retained on the sieve (%). The mixer diameter varied from 100 to 400 mm and reactor diameters were 300, 390 and 600 mm. Mixer width varied from 0.225 to 0.375 of its diameter and its slope was constant at 45° to the horizontal. The density of the disperse phase was within the range of 0.86 - 1.61 at 20°C. The liquids used in the experiments were xylol, monochlorobenzene, o-dichlorobenzene, tetrachlorethane and mixtures thereof. The relation between globule diameter and the following operating factors was examined: mixer diameter, mixing speed (rpm), density ratio of dispersed to disperse phase, volume ratio of the two phases, mixer efficiency, Reynolds number, Weber number. The following formulae are derived which summarize the results.

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D213/D304

Method of producing ion- ...

$$d = k_1 \left(\frac{T}{D}\right)^{1.9} \quad (3)$$

where d - globule diameter, T - reactor diameter, D - mixer diameter,

$$d = k_2 N^{-0.65} \quad (4)$$

for large diameter mixer (N - rev/min.) and cationite FN, ✓

$$d = k_3 N^{-0.80} \quad (5)$$

for mixers of smaller diameter, cationite FN.

$$d = k_4 N^{-2.0} \quad (6)$$

for anionite MFD. [Abstractor's note: k_1, k_2 etc. are constants]
Formulae in similar form are derived to represent the other rela-

Card 3/4

Method of producing ion- ...

S/080/60/033/008/014/022/XX
D213/D304

tionships with operating data and are shown in a series of curves. There are 13 figures and 26 references: 3 Soviet-bloc and 23 non-Soviet-bloc. The 4 most recent references to the English-language publications read as follows: E Trommsdorf, Makromol. Chem. 1954, v. 13, 76; Th. Vermeulen et al., Chem. Eng. Progr., 1955, v. 51, 85 F; W.A. Rodgers et al, ibid., 1956, v. 52, 515; Van de Wusse, Chem. Eng. Sci., 1954, v. 4, 221.

ASSOCIATION: Issledovatel'skiy institut sinteticheskikh smol
Chekhoslovakiya (Research Institute for Synthetic
Resins, Czechoslovakia)

SUBMITTED: March 14, 1950 [Abstractor's note: 1950 probably mis-
print for 1960]

Card 4/4

GRUTSA, A. [Gruca, A.]; VITVITSKIY, T. [Witwicki, T.]; LESHEK-ZAPENDOVSKA, G.

Methodology and late results of treating malignant bone tumors by biological resection. Ortop., travm. i protez. 25 no.9:51-56 S '64.

(MIRA 18:4)

1. Iz ortopedicheskoy kliniki Meditsinskoy akademii v Varshave (rukovoditel' kliniki - prof. doktor meditsiny A.Grutsa [A. Gruca] chlen Pol'skoy akademii nauk). Adres avtorov: Varshava, ulitsa Lindleya, d.4, Ortopedicheskaya klinika Meditsinskoy akademii.

SHUTILO, Ye.; LESHENYUK, I.

One against nine. Kryl.rod. 14 no.9:24 S '63. (MIRA 16:9)

1. Direktor Lidskogo krayevedcheskogo muzeya, Grodnenskaya obl.
g. Lida (for Shutilo). 2. Sotrudnik Lidskogo krayevedcheskogo
muzeya, Grodnenskaya obl, g. Lida (for Leshenyuk).
(World War, 1939-1945—Aerial operations)

LESHENYUK, I.I.

A "robot" answers the telephone. Energetik 13 no.5:37 My '65.
(MIRA 18:8)

Translation from: Referativnyy zhurnal Metallurgiya. 1958, No. 12, p. 37 (USSR) SOV/137-58-12-24187

AUTHORS: Ganich, A. A., Leshch, G. Kh.

TITLE: Block Planning of Open-hearth Shops (Blocknaya planirovka martenovskikh tsekhov)

PERIODICAL: Tekhn.-ekon. byul. Sov. nar. kh. i Chelvyab. ekon. adm. rona. 1958, No. 3, pp. 47-50

ABSTRACT: A description is offered of a variant of open-hearth shop block planning suggested by the Magnitogorsk Giprometz, in which each open-hearth furnace is located between two empty bays. It is remarked that the provision of empty bays is justified by the high output design rate of the open-hearth furnaces. The planning of existing shops in a number of plants did not provide conditions for an even flow of work and full utilization of the furnace assemblies. In determining the components of a block, it is suggested that the following guiding principles be employed: 1) The open-hearth furnaces in the block should be of a single model; 2) the size and length of pouring areas for open-hearth furnaces should provide for more than two trains; 3) the

Card 1/2

Block Planning of Open-hearth Shops (cont.)

SOV/137-58-12-24187

number of open-hearth furnaces in a block is determined with consideration of the need for independent operation of the individual furnaces and for adequate intervals between the performance of identical operations on adjacent furnaces; 4) the provision of non-interfering location of pot-car trains in the wings of each block. It is recommended that development of standard block designs be undertaken to accelerate the planning of standard units. It is observed that the island-block type of shop recommended by the central Gipromet, which offers no significant advantages over the design described, is less economical than that described above. Diagrams of island-block shop plans are presented.

M KH

Card 2/2

SAPIRO, M.; SIROTHNIKOV, S.; LESHIN, A.

Automatic control of a pressure in intermediate receivers during
the production of carbonic acid. Khok. tekhn. 37 no. 6:58 M-D '60.
(MIRA 13:12)

(Leningrad--Dry ice)

SAPIRO, M.M.; SIROTHNIKOV, S.Z.; LESHIN, A.S.

Automatization of the dry ice production process. Gidroliz.i
lesokhim.prom. 13 no.6:20 '60. (MIRA 13:9)

1. Leningradskiy gidroliznyy zavod.
(Leningrad--Dry ice) (Automatic control)

LESHIN, N.M.

Experience organizing permanent repair brigades. Vest. svyazi 17
no.4:16 Ap '57. (MLRA 10:5)

1. Glavnyy inzhener Kurskogo oblastnogo upravleniya svyazi.
(Kursk Province--Electric lines)

KOMLEV, V., inzh.; LESHIN, Ye., inzh.; IVANTSOV, Yu., inzh.

Industrial installations on piles. Na stroi. Ros. 4 no.5:11 1/2
'63. (MIRA 1:6:5)
(Bashkiria--Industrial buildings--Design and construction)
(Piling (Civil engineering))

VINEBERG, G.G.; LESHINA, A.V.; VASIL'YEVA, V.

Materials on primary production of plankton in ponds of the 'Volma'
Fish Farm. Trudy Biol. sta. na oz. Haroch' no.1:23-36 '58.
(MIRA 12:7)

(Minsk Province--Fish ponds)
(Plankton)

LESHINA, A.V.

Effect of molybdenum on the growth of lettuce and the accumulation of pigments. Dokl. AN BSSR 4 no.7:316-317 J1 '60.

(MIRA 13:8)

1. Belorusskiy gosudarstvennyy universitet im. V.I. Lenina.
Predstavleno akad. AN BSSR T.N. Godnevym.
(Molybdenum--Physiological effect)
(Lettuce)

LESHINA, A. V.

Cand Biol Sci - (diss) "Effect of trace elements on the harvest potential, on the accumulation of pigments and vitamin C in vegetable crops." Minsk, 1961. 15 pp; (Academy of Sciences Belorussian SSR, Inst of Biology); 275 copies; price not given; (KL, 5-61 sup, 184)

GODNEV, T.N.; LESHINA, A.V.; KHODORENKO, L.A.

Variations in the size of chloroplasts and pigment accumulation
in them during prolonged shading and subsequent illumination.

Fiziol. rast. 7 no.6:638-644 '60.

(MIRA 14:1)

1. V.I. Lenin Byelorussian State University, Minsk.
(Chlorophyll) (Plants, Effect of light on)

MOLIN, Yu.N., LESHINA, T.V., MAMAYEV, V.P.

Correlation of proton chemical shift with Taft's induction σ -constants.
Dokl. AN SSSR 163 no.2:402-405 J1 '65. (MIRA 18:7)

1. Institut khimicheskoy kinetiki i goreniya Sibirskogo otdeleniya AN
SSSR i Novosibirskiy institut organicheskoy khimii Sibirskogo otdeleniya
AN SSSR Submitted December 13, 1964.

1. 14535-66 ENT(m)/EWP(1)/T RM
ACC NR: AP6006358 (A) SOURCE CODE: UR/0413/66/000/002/0094/0094

INVENTOR: Khar'kov, S. N.; Bogdanov, M. N.; Spirina, I. A.; Leshner, A. U.-A.; Plyashkevich, L. A.

ORG: none

TITLE: Preparative method for polyamides, Class 39, No. 178102
[announced by All-Union Scientific Research Institute of Artificial
Fibers (Vsesoyuznyy nauchno-issledovatel'skiy institut iskusstvennogo
volokna)]

SOURCE: Izobretaniya, promyshlennyye obraztsy, tovarnyye znaki,
no. 2, 1966, 94

TOPIC TAGS: polyamide, carboxyl group, interfacial polycondensation

ABSTRACT: An Author Certificate has been issued for a preparative
method for carboxyl group-containing polyamides. The method involves
interfacial polycondensation of diamines containing no acyclic chains
with benzenetricarboxylic acid dichlorides.

[80]

SUB CODE: 11/ SUBM DATE: 28Mar63/ ATD PRESS: 4148

07/

Card 1/1

UDC: 678.675.002.2

LESHINER, R.Y.

Petroleum industry of Venezuela. Neft. khoz. 35 no.4:63-66 Ap '57.
(Venezuela--Petroleum industry) (MLBA 10:4)

✓
LESHINER, Ya. inzhener.

Rubble concrete foundation blocks. Stroitel' no.3:7 Mr '57.
(Foundations) (Building blocks) (MIRA 10:4)

LESHINER, Ya.V., inzh.

Using concrete blocks in building basement walls. Izv. vys. ucheb.
zav.; Fiz. no.1:238-244 '58. (MIRA 11:6)

1. Test Mosstroy No.14 OTU-5 Glavmosstroya.
(Concrete blocks) (Basements)

EXCERPTA MEDICA Sec. 6 Vol. 11/7 July 57
LESCHINSKAJA I.S.

4263. LESCHINSKAJA I.S. Sect. of Functional Diagn., Ukrainian Inst. of Clin. Med., Kiev, USSR. *The significance of the ketosis dynamic in various functional tests for the assessment of clinical forms of diabetes mellitus (Russian text) PROBL. ENDOKR. 1956, 2/3 (8-14) illus. 3

Fifty-nine patients with diabetes mellitus were investigated. It was established that in mild forms of the disease administration of insulin and glucose per os hardly affects the level of the ketonaemia. In the adrenalin test there is at first a marked rise with a consequent decrease in 2-3 hr. In diabetes of average severity with an initially raised level of ketosis, insulin as well as glucose per os promotes the lowering of the ketonaemia. Adrenalin causes an increase with a consequently noticeable decrease of the ketonaemia. In severe forms of diabetes mellitus, insulin contributes to the lowering of ketosis, but glucose per os does not lessen it and in some cases may even increase the ketosis. Adrenalin causes a high level of ketonaemia with an insignificant lowering in 2-3 hr. In a number of cases

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with average and severe forms of diabetes, insulin, while lowering the blood sugar level, did not contribute to a lessening of the high concentration of ketones. In patients with a reduced sensitiveness to insulin, the administration of this preparation did not effect a sufficient decrease of glycaemia; the level of ketonaemia did not fall either. When the level of glycaemia fell abruptly 2-3 hr. after insulin and also 3-4 hr. after glucose per os, a rise of the ketonaemia was noticed.

Krimsky - Moscow (VI, 3)

LESHKE, G. P.

USSR/Electricity - Training

- ~~Economy~~ of Power Consumption

Nov 52

"Courses on Economy of Electric Power," Engr G. P. Leshke

From Energet, No 11, p 29

Describes briefly main features of 6-hr course on economy of elec power given to all elec furnace workers at author's combine. Course resulted in approx 2% reduction of specific power consumption without any other tech measures being taken.

Лешке, Г. П.
POZDNYAKOV, V.Ya.; LESHKE, G.P.; ZAKHAROV, M.I.

Some advantages and disadvantages of the electric smelting of ores
for matte. TSvet.met. 28 no.4:41-44 J1-Ag '55. (MIRA 10:11)

1. Kombinat "Severonikel'."

(Smelting)

LESHKE, Georgiy Pavlovich; BRAGIN, Leonid Ivanovich; GLADKOV, V.A.,
red.; BARANOV, I.A., tekhn. red.

[Cooperation of workers and engineers] Sodruzhestvo rabo-
chikh i inzhenerov. Murmansk, Murmanskoe knizhnoe izd-vo,
1960. 25 p. (MIRA 16:6)

1. Sekretar' Monchegorskogo gorodskogo komiteta Kommunisti-
cheskoy partii Sovetskogo Soyuz (for Leshke). 2. Instruktor
Monchegorskogo gorodskogo komiteta Kommunisticheskoy partii
Sovetskogo Soyuz (for Bragin).

(Monchegorsk--Nickel industry)
(Efficiency, Industrial)

LESHKE, Georgiy Pavlovich, delegat XXII s"yezda Kommunisticheskoy partii
Sovetskogo Soyuza

Research by means of the ruble. Izobr.i rats. no.2:1-2 P 162.

(MIRA 15:3)

1. Sekretar' Monchegorskogo gorodskogo komiteta Kommunisticheskoy
partii Sovetskogo Soyuza.

(Technological innovations)

YAKOVLEV, N.N.; YEREMENKO, N.P.; LESHKEVICH, A.G.; MAKAROVA, A.I.; POPOVA, N.K.

Development of strength, speed of motion, and endurance in sports
training of different types. *Fiziol.zhur.* 45 no.12:1422-1429 D '59.
(MIRA 13:4)

1. From the Department of Physiology and Biochemistry, Research
Institute for Physical Culture, Leningrad.
(SPORTS)

LESHKEVICH, A.I.; STEHLIN, L.Ya., redaktor; KUDRYAVTSEVA, L.K., tekhnicheskij redaktor.

[Log dumps; equipment and technical arrangements] Lesnye sklady: oborydovanie i tekhnologicheskie skhemy. Moskva, Gos.lesotekhnicheskoe izd-vo, 1947. 138 p.
(MLRA 8:10)
(Lumbering--Equipment and supplies)

LESHKEVICH, A. I.
25648

Parametry Lesopogruzochnykh Mashin.
Zakhvatnyye Organy Lesopogruzochnykh
Kranov. Trudy Tsniim
(Tsentr. Nauch- Issled. In-T Mekhanizats I I I Energetiki
Lesozagotovok), Vyp. 1. 1948, S. 119-252.

SO: LETOPIS NO. 30, 1948

LESHKEVICH, A. I.

Technology

Organization and mechanization of work in the lumber yard, Moskva, Goslestumizdat, 1950.

Monthly List of Russian Accessions. Library of Congress, October 1952. UNCLASSIFIED.

Л.Е. ШЕВЧЕНКО, Н.П.

KIRYUKHIN, Anatoliy Mikhaylovich; GORBACHEVSKIY, Viktor Andreyevich;
LESHKEVICH, Andrey Ivanovich; MIKHAYLOVSKIY, Yuriy Vsevolodovich;
GATSKEVICH, A.I., redaktor; VOROB'YOVA, N.N., redaktor; KAPASIK,
N.P., tekhnicheskiiy redaktor

[Operation of hauling equipment] Eksploatatsia tiagovykh mashin.
Moskva, Goslesbumizdat, 1954. 391 p. (MIRA 8:4)
(Lumbering--Equipment and supplies)

LESHKEVICH, A. I., kandidat tekhnicheskikh nauk; POMERANTSEV, M.M.,
kandidat tekhnicheskikh nauk.

New machines for piling and loading lumber on landing points.
Mekh.trud.rab. 11 no.5:15-19 My '57. (MIRA 10:7)
(Cranes, derricks, etc.) (Lumberyards)

118-58-6-16/01

AUTHOR: Leshkevich, A.I., Candidate of Technical Sciences

TITLE: Loading of Log Packages on Rolling-Stock (Paketnaya pogruzka khlystov na podvizhnoy sostav)

PERIODICAL: Mekhanizatsiya trudoyemkikh i tyazhelykh rabot, 1958, Nr 6, pp 38-39 (USSR)

ABSTRACT: The loading of big log packages considerably speeds up loading operations. A package of logs is lifted to a height of 3 to 4 m and, when the truck with trailer is driven underneath the package, is loaded. The KT-12 and TDT-40 tractors with a tractive effort of 3,500 kg are used for loading in forests. The hoisting capacity of the tractor winch is approximately 3,500 kg, but when using a six-fold pulley block it is possible to lift a load of 15 tons (the carrying capacity of the MAZ-200 truck plus trailer is 15 tons). The author gives a detailed description of the loading procedure and in conclusion adds that at present various scientific research organizations are designing new and better equipment for the loading of big log packages.

Card 1 of 1

There are 2 diagrams.

1. Timber--Cutting 2. Logs--Loading--Applications

SOV/118-58-11-3/19

AUTHOR: Leshkevich, A.I., Candidate of Technical Sciences

TITLE: The Development of Complex Mechanization and Automation at Timber-Felling Sites (Razvitiye kompleksnoy mekhanizatsii i avtomatizatsii na lesozagotovkakh)

PERIODICAL: Mekhanizatsiya trudoyemkikh i tyazhelykh rabot, 1958, Nr 11, pp 27-29 (USSR)

ABSTRACT: The author refers to an article by Professor S.F. Orlov, which appeared in this periodical (Nr 4, 1958) on the future technical development of Soviet lumbering operations. The author points out that there are no proper characteristics for the efficiency of different machines. He also refutes some conclusions drawn by Professor Orlov regarding the felling of trees, the trailing and loading of timber, and the correctness of his plan (Nr 4) on lumbering processes, etc. The author also objects that the contents of the article do not deal with the lumbering industry as a whole.

Card 1/2

SOV/118-58-11-9/19

The Development of Complex Mechanization and Automation at Timber-Felling Sites

but only with its first process - The felling of trees.
There is 1 Soviet reference.

1. Wood industry--USSR 2. Wood--Processing

Card 2/2

LESHKEVICH, Andrey Ivanovich; VOYEVODA, Dmitriy Kondrat'yevich; NAZAROV, Viktor Vasil'yevich; VIL'KE, G.A., retsenzent; YEREMINA, N.S., retsenzent; SOLOV'YEV, N.S., red.; PITERMAN, Ye.L., red. izd-va; KUZNETSOVA, A.I., tekhn. red.

[Equipment and work mechanization at log dumps] Oborudovanie i me-
khanizatsiia rabot na lesnykh skladakh. Moskva, Goslesbumiziat,
1960. 369 p. (MTP: 14:9)

(Lumbering—Equipment and supplies)

GORBACHEVSKIY, Viktor Andreyevich; LESHKEVICH, Andrey Ivanovich;
MIKHAYLOVSKIY, Yuriy Vsevolodovich; SHESTAKOV, Boris
Aleksandrovich; MEDNIKOV, I.N., retsenzent; MOROZOV, K.P.,
retsenzent; KHASMAN, P.Ya., otv. red.; PLESKO, Ye.P., red.;
GRECHISHCHEVA, Z.I., tekhn. red.

[Fundamentals of lumbering and the operation of machines and
mechanisms] Osnovy lesozagotovok i ekspluatatsiia mashin i me-
khanizmov. V.A.Gorbachevskii i dr. Moskva, Goslesbumizdat,
1961. 319 p. (MIRA 15:2)
(Lumbering--Machinery)

LESHKEVICH, Andrey Ivanovich; GAVRILOVA, Ye.l., rel.

[Lunching, leading, and unloading; lumber into water;
Shtabelevka, pogruzhka i sbroska lesa na vodu. Moskva,
Lesnaya promyshlennost', 1965. 250 p. (EIA 18:4)

L 40539-65 EWT(d)/EWT(m)/EWA(d)/EWP(v)/EFR/EWP(t)/EWP(k)/EWP(h)/EWP(z) /
EWP(b)/EWP(l)/EWA(c) Pf-4/Ps-4 IJP(c) MJW/JD/HW

ACCESSION NR: AT5004708

S/3130/64/000/012/0057/0061

AUTHORS: Golovinov, M. F.; Ayupov, R. N.; Kagan, L. S.; Leshkevich, G. G. 36
35
B+1

TITLE: Technology of drill pipe pressing from aluminum alloys

SOURCE: Vsesoyuznyy nauchno-issledovatel'skiy institut burovoy tekhniki. Trudy, no. 12, 1964. Buril'nyye trubyy iz legkikh splavov (Drill pipes made of light alloys), 57-61

TOPIC TAGS: alloy, aluminum, aluminum alloy, drill, pressing, metallurgical process, metal pressing, metal hardening, metal stamping / D16 aluminum, AVT1 aluminum

ABSTRACT: (Light drill pipes (thickened at both ends) were made of aluminum alloys D16 and AVT1. Their production by pressing required special equipment and technique; Fig. 1 on the Enclosure shows schematically a device for the pressing of pipes with internal thickenings. The device is equipped with a pin of varied cross sections which corresponds to the internal pipe diameter and the thickened parts; the tip has a special shape designed for pressing of thickened parts. A press designed for the pipes with external thickenings and the main stages of the process are illustrated in Figs. 2, 3, and 4 on the Enclosure. Several internal

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L 40539-65

ACCESSION NR: AT5004708

and external thickenings along the pipe were made with a pin of a more complicated profile. Finished pipes were hardened in vertical air ovens; the alloy D16 was heated to 500 and the AV alloys to 520C. After a 15-20 minute delay they were cooled in water and straightened in a special tension device. Finished pipes had a fibrous structure, and their strength was increased in the longitudinal direction. Best quality was obtained with homogenized ingots; the lubrication of pins and containers increased the productivity rate. Orig. art. has: 6 figures, 1 table, and 1 formula.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut burovoy tekhniki
(All-Union Scientific Research Institute of Drilling Technology)

SUBMITTED: 24Aug63

ENCL: 03

SUB CODE: MM

NO REF SOV: 002

OTHER: 000

Card 2/5

L 40539-65

ACCESSION NR: AT5004708

ENCLOSURE: 01

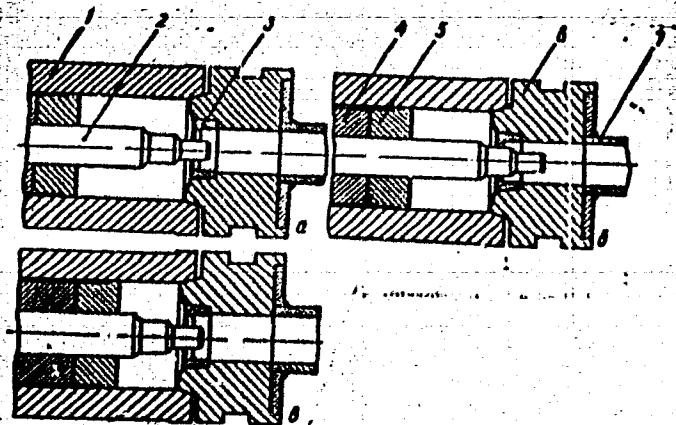


Fig. 1. Device for pressing drill pipes with two internal thickenings.
a- pressing of front end; b- pressing of basic pipe; c- pressing of back end; 1- bush; 2- pin; 3- matrix; 4- press-plunger; 5- press-collar; 6- matrix-holder; 7- guiding bush

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ACCESSION NR: AT5004708

ENCLOSURE: 02

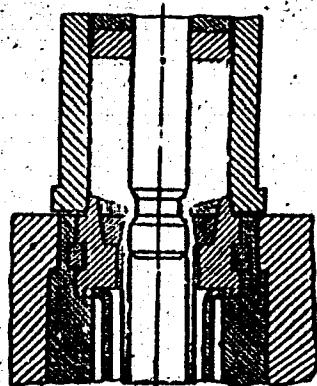


Fig. 2.
Pressing of front thickening
Card 4/5

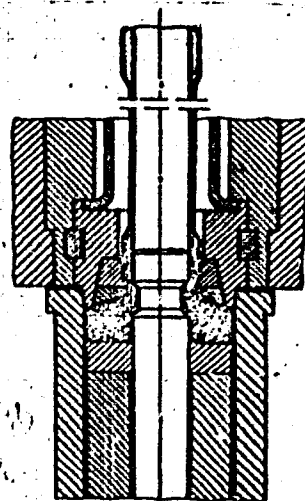


Fig. 3.
Pressing of back thickening

L 40539-65

ACCESSION NR: AT5004708

ENCLOSURE: 03

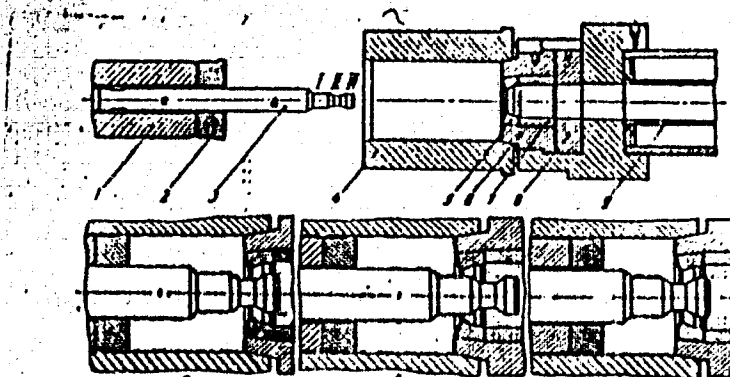


Fig. 4. Device for pressing drill pipes with two external thickenings.

a- pressing of front thickening; b- pressing of back thickening; 1- press-plunger; 2- press-collar; 3- pin; 4- bush; 5- matrix; 6- matrix holder; 7- intermediate ring; 8- supporting ring; 9- guiding bush

Card 5/5 892

GOLOVINOV, M.F.; AYUPOV, R.N.; KAGAN, L.S.; LESHKEVICH, G.G.; KURBATOV, V.I.;
KALUGIN, A.A.

Extrusion of pipe of varying cross sections. TSvet. met. 36
no.8:72-75 Ag '63. (MIRA 16:9)
(Extrusion (Metals)) (Pipe, Aluminum)

YAKOVLEV, N.N.; KALEDIN, S.V.; KRASHNOVA, A.F.; LESHKEVICH, L.G.;
POPOVA, N.K.; NOGOZKIN, V.A.; CHAGOVETS, N.A.; KOSTIGOVA, L.A.

Characteristics of physiological and chemical adaptation of the body
to muscular activity in relation to the length of rest intervals
between tasks during training. Fiziol. zhur. 47 no.6:752-757 Je '61.
(MIRA 15:1)

1. From the Research Institute of Physical Culture, Leningrad.
(EXERCISE) (REST) (METABOLISM)

LESHKEVICH, L.G. [Leshkevych, A.H.]

Effect of the muscular activity of exercised animals on the amount of ketone bodies in muscles, the liver, and the blood. Ukr. biokhim. zhur. 33 no.6:864-870 '61. (BIRA 14:12)

1. Section of Biochemistry of the Leningrad Research Institute for Physical Culture.
(EXERCISE) (ACETONE BODIES)

ZVIAGINA, P.B.; LESHKEVICH, L.G.; CHECHIK, F.L.; YAKOVLEV, N.N.

Mechanism of the activation of lipolysis by phosphates. *Vop.med.khim.*
3:73-81 '51. (MIRA 11:4)

1. Otdeleniye obmena veshchestv Leningradskego nauchno-issledovatel'-
skogo instituta fizicheskoy kul'tury.
(LIPOLYSIS) (PHOSPHATES)

CA

11F

Consumption of glycogen of the muscle and internal organs during loads of extreme duration. L. G. Lezhnevich. (Leningrad Phys. Culture Inst.). *Fiziol. Zhur. S.S.S.R.* 37, 475-81(1951).—After continued muscular work of many hrs., rats show a considerable increase of phospholytic activity in muscle, liver, heart, and brain. Except for the heart, all other organs show a decline in glycogen and reducing hexose phosphates and a drop in blood sugar. In rats there is a sharp drop in work efficiency after 1.5-2 hrs., which passes rapidly, and work is resumed at high level for 5-6 hrs. longer. During the "slump" liver and muscle glycogen drops by 40-60% of normal; after termination of the work period liver glycogen may decline as much as 70% and muscle glycogen by 60-70%. G. M. Kosolapoff

LESHKEVICH, L.G.; POPOVA, M.K.; YAKOVLEV, N.N.; YAMPOL'SKAYA, L.I.

Variations in the content of sugar, lactic acid, and lipoid phosphorus in the blood of sportsmen, during the pre-start period. Ukr.biokhim.sbu.: 24 no.4: 464-477 '52. (MLRA 6:11)

1. Otdeleniye obmena veshchestv Nauchno-issledovatel'skogo instituta fizicheskoy kul'tury, Leningrad.

(Blood--Analysis and chemistry) (Physical education and training)

LESHKEVICH, *AYG*

U S S R
Biochemical evaluation of the effectiveness of the methods of training of oarsmen athletes. L. G. Leshkevich, A. P. Makarova, and N. N. Yakovlev. *Research Inst. Phys. Culture, Ukrain. Biokhim. Zhur.* 27, 61-75 (1955) (In Russian); cf. L. G. Leshkevich, N. K. Popova, N. N. Yakovlev, and L. I. Yungol'skaya). *Ukrain. Biokhim. Zhur.* 24, 484 (1952) and L. G. Leshkevich, *Ibid.* 26, 289 (1954).—Competitive rowing can be characterized according to the intensity of exertion in terms of oxidation and anaerobic reactions. Despite the differences in the tension and the intensity of exertion in well trained and in beginner athletes in carrying similar work loads, the relation between oxidative and anaerobic processes of the organism and the lactic acid levels of the blood of the two are practically the same. Accordingly the training of athletes, who participate in competitive races, must be aimed at developing the oxidation potentialities of the organism as well as the anaerobic resynthesis of the macroergs of the competitive exertion. Conditions under which this can be accomplished are discussed.
B. S. Levine

-Lak. Biochem.

YAKOVLEV, N.N.; YAMPOISKAYA, L.I.; LESHKEVICH, L.G.; POPOVA, N.K.

Biochemical changes in blood in athletes during competitive plays.
Fiziol. zh. SSSR 38 no.6:739-747 Nov-Dec 1952. (CML 23:4)

1. Division of Metabolism, Leningrad Scientific-Research Institute of
Physical Culture.

LEISHKEVICH, L.O.

USSR

✓ Changes in the content of sugars and pyruvic and lactic acids of the blood of oarsmen following work loads as an index of the state of training in athletes. L. G. Leishkevich (Leningrad, Sci. Research Inst. Phys. Chem. and Med. Biol. Zhur. 26, 287-293 (1964) (in Russian)). Sugar and pyruvic and lactic acids were used as indices in this study and their levels in the blood were detd. before, during and after training, and before and after a race. As the training progressed the magnitude of the sugar level changes became smaller, and in the two acids greater. Beyond a certain period of training the emotional reactions and sugar levels before, during, and after the training exertion approximate const. values; this can be regarded as an indicator of a well trained athlete. These findings apply to an equal degree to any type of athletic endeavor. R. S. Levine

- Lab. Biochemistry

1. The blood, with contracted granules, "living." (See photograph of blood of brain U. I. of A. N. Kozlov. 1941, p. 27).
(Observation for the presence of "living" granules in the blood of the brain of the patient with a diagnosis of "epilepsy".)

34: Katharine 12.1.19.18, 18

LESHKEVICH, L. G.

The oxidative anaerobic processes of athletes in training. L. G. Leshkevich and N. N. Yakovlev (Leningrad Sci. Research Inst. Phys. Culture). *Ukrain. Biokhim. Zhur.* 28, 17-20 (1966) (in Russian).--The ratio of the content of pyruvic acid to lactic acid in the blood of athletes was taken as an indicator of the ratio between anaerobic (I) and aerobic (II) processes active in athletes. Generally, the results confirmed those previously reported for animals (S. L. A. 30, 43804). They point to the importance of the central nervous system in detg. the I:II ratio and the closely assoc. level of stability of the organism during phys. exertion. Any effect produced upon the central nervous system by pharmacological intervention, changes in external environmental factors, or in the gravity and significance with which the purpose of the phys. exertion is regarded, are reflected in shifts in the metabolic processes of the organism at work and, hence, in the efficiency of the performance of the task. It is concluded that a suitable state of the central nervous system in the athlete through the proper adjustment of the above discussed conditions (as indicated by the ratios of I:II) is imperative for the successful performance of his task.
H. S. Levine

--Section Biochemistry,

ТАКОВИЦА, А.М.; ЛЕШКЕВИЧ, Л.О.; ШАПОШНИКОВА, В.И.

Effect of oxygen inspiration on biochemical processes during
muscular activity [with summary in English]. Ukr.biohim. zhurn.
20 no.3:292-302 '57. (MIRA 15:9)

1. Sektor fiziologii i biokhimii Leningradskogo nauchno-issledovatel'skogo
instituta fizicheskoy kul'tury.
(OXYGEN--PHYSIOLOGICAL EFFECT)
(PHYSIOLOGICAL CHEMISTRY)

YAKOVLEV, N.N.; LESHKEVICH, L.G.; MAKAROVA, A.P.; POPOVA, N.K.

Comparative biochemical characteristics of different muscles
in cats and rabbits. Ukr.biokhim.zhur. 31 no.1:75-88 '59.
(MIRA 12:6)

1. Section of Biochemistry of the Research Institute of
Physical Culture, Leningrad.
(MUSCLES)

LESHKEVICH, L.G.

Effect of muscular activity and training on the intensity of lipid
phosphorus metabolism in the liver, muscles, and brain. Ukr.biol.khim.
zhur. 31 no.4:481-488 '59. (MIRA 13:1)

1. Section of Biochemistry of the Leningrad Research Institute of
Physical Culture.

(PHOSPHATIDES)

(EXERCISE)

LESHKEVICH, L.G.

Effect of various types of muscular activity and experimental
"training" on the renewal of labile phosphorus compounds in the
muscles of animals. Ukr.biokhim.zhur. 31 no.5:700-708 '59.
(MIRA 13:4)

1. Section of Biochemistry of the Leningrad Research Institute of
Physical Culture.
(EXERCISE) (PHOSPHORUS METABOLISM)

YAKOVLEV, N.N.; LESHKEVICH, L.G.

Effect of nutritional factor on the acclimatization of competitive skiers to mountain conditions. Vop. pit. 19 no.3:9-15 My-Je '60.

(MIRA 14:3)

1. Iz sektora biokhimii (zav. - prof. N.N.Yakovlev) Nauchno-issledovatel'skogo instituta fizicheskoy kul'tury, Leningrad.

(SKIES AND SKIING--HYGIENIC ASPECTS)

(ALTITUDE, INFLUENCE OF)

(ATHLETES--NUTRITION)

LESHKEVICH, L.G. [Leshkevych, L.H.]

Effect of muscular activity of various duration and nature on the concentration of ketone bodies in the muscles, liver, and blood of animals. Ukr. biokhim. zhur. 32 no.5:692-699 '60. (MIRA 14:1)

1. Sektor biokhimii Leningradskogo nauchno-issledovatel'skogo instituta fizicheskoy kul'tury.

(ACETONE BODIES)

(EXERCISE)

YAKOVLEV, N.N.; LESHKEVICH, L.G.; MAKAROVA, A.F.; POLOVA, N.K.;
ROGOZKIN, V.A.; CHAGOVETS, N.R.

Age peculiarities in the body's reaction to physical exercise.
Fiziol. Zhur. 46 no. 7:834-841 J1 '60. (MIRA 13:8)

1. From the Research Institute of Physical Culture, Leningrad.
(EXERCISE)

LEBIL'KHA, I. I., GORODIN, V. A., SERGEYEV, A. A., and VIL'K, V. A.;
KISHCHENKO, A. P. (USSR)

"The Significance of ATP Content for Physiological Processes
after Exercises of Various Duration."

Report presented at the 14th Int'l. Biophysical Congress,
Moscow, 10-16 Aug 1981

TEKONEN, I.N., POKHODNICH, 1962, Moscow, 1962, 1963, 1964.

adaptation of models and artificially generated models
in our country. Prilozhenie, 1962, 1963, 1964.

1. Sektor broshur: Napravleniya razvitiya i
slozhivshisya razvitiya, 1962, 1963, 1964.

LESHKEVICH, L.G.

Effect of muscular activity and experimental training on the
content and iodine number in lipids of rat tissues. Ukr. bi-
khim. zhur. 36 no.5:726-734 '64. (MIRA 18:6

1. Leningradskiy nauchno-issledovatel'skiy institut fizicheskoy
kul'tury.

YAKOVLEV, N.N.; VOL'NOV, N.I.; LESHKEVICH, L.G.

Effect of pangamic acid, methionine, and a mixture of pantoate and glycine on the metabolism in a heart muscle and the electrocardiography of muscular activity. Ukr.biokhim.zhur. 37 no.5:818-835 '65.
(MIRA 18:10)

1. Nauchno-issledovatel'skiy institut fizicheskoy kul'tury, Leningrad.

LESHKEVICH, V. V.

LESHKEVICH, V. V. Sakhalin. Khabarovsk, Dal'giz, 1967. 167 p.

So: LC, Soviet Geography, Part II, 1951/Unclassified.

LESHKEVICH, V.

GOR, Genadii Semenovich and V. Leshkevich. Sakhalin. Moskva, Gosizdat etskoi lit-ry, 1949. 73 p.

SLC: DK771.3266

So: LC, Soviet Geography, Part II, 1951/Unclassified.

DAVIDOV, L.K., prof., red.; KALESHNIK, S.V., prof., red.; KORCHAGIN, A.A.,
prof., red.; SEMEVSKIY, B.N., prof., red.; ZUBKOV, A.I., dotsent,
red.; LESHKEVICH, V.V., dotsent, red.

[The northwest; reports of the scientific session of 1959] Severo-
Zapad; doklady nauchnoi sessii 1959 g. Leningrad, 1959. 136 p.
(MIRA 13:3)

(Russia, Northwestern--Physical geography)

L 33799-66 JXT(BF)

ACC NR: AP6025133

SOURCE CODE: PO/0002/65/000/001/0088/0102

AUTHOR: Leski, Kazimierz

ORG: none

TITLE: Some future problems of dissemination of scientific and technical information

SOURCE: Nauka polska, no. 1, 1965, 88-102

TOPIC TAGS: information processing, data processing, scientific information, computer memory

ABSTRACT: The article deals with the explosion of information material and surveys its magnitude as well as the ways of dealing with it. Discussed are scientific and technical information, elements of the information process, classification of data, memory systems, searching, data processing and outputs of computers. Orig. art. has: 1 table. [JPRS]

SUB CODE: 09, 05 / SUBM DATE: 00Jul64 / ORIG REF: 002 / SOV REF: 002
OTH REF: 035

Card 1/1 BIG

0916

0496

LESHKO, A.; SLAVOV, K.

Experimental intra-arterial heparinization. Khirurgiia (Sofia)
18 no.4:435-441 '65.

1. Fakultetska bolnitsa, Bratislava; I khirurgichna klinika
(zavezhdasht - prof. K. Charski).

LESHKO, Igor' Vasil'yevich; TITOVA, N.M., red.

[From the plane to the volume] Ot ploskosti k ob"emu.
Kiev, Naukova dumka, 1955. 118 p. (MIRA 18:4)

YARMONENKO, S.P.; LESHKO, Yu.M.; MINEYEV, A.I.

Plastic cages for small laboratory animals. Lab. delo [7. no.4:
55 Ap '61. (MIRA 14:3)

(LABORATORY ANIMALS)

VASIL'KOV, G.V.; SPIROV, G.A.; DZHANOV, A.; SENNIKOV, M.I.;
SELYUCHENKO, A.; DEKANOV, I.; RAKHMATULLIN, M.G.; EYSMO'T, V.V.;
KOSOVER, S.I.; TSUVERKALOV, D.A.; LESHKOV, B.G.

Information and brief news. Veterinariia 38 no.9:90-96
S '61. (MIRA 16:3)

LESHKOV, V.G.

Drag construction for deep dredging. Shakht.stroi. no.2:26-29 : '59.
(MIRA 12:3)

1. Glavnyy inzhener Drazhnogo priiskovogo upravleniya tresta Lazoloto.
(Gold dredging) (Dredging machinery)

LESEKOV, Vladimir Grigor'yevich; GEYMAN, L.M., red. izd-va;
PROZOROVSKAYA, V.L., tekhn. red.; MAKSIMOVA, V.V.,
tekhn. red.

[Dredging operations in deep-lying placer deposits] Drazh-
nye raboty na rossypiakh glubokogo zaleganiia. Moskva,
Izd-vo "Nedra," 1964. 306 p. (MIRA 17:2)

LESHNEVICH, L. I.

"Physiological and epi-zoological basis of the tarbagan's ecology. Third Communication. The course of the hemorrhagic septicemia "Pestovollrosis" in tarbagan during autumnal period. Fourth Communication. Some immunological properties of the tarbagan's blood during autumnal period."

Zhur. Mikrobiol., Epidemiol., i Immunobiol., No 12, 1944

LESEKOVICH, L.I.

Leucocytic blood picture in the tarbagan. Izv. Irk.gos.proti vchum.
inst. 8:72-87 '50. (MIRA 10:12)
(LEUCOCYTOSIS) (MARMOTS)

LESHKOVICH, L.I.

Observation of hibernation of tarbagans. Izv. Irk.gos.protyekshum.
inst. 8:88-101 '50. (MIRA 10:12)
(HIBERNATION) (MARMOTS)

LASHKOVICH, L.I.

Peculiarities of thermoregulation in the tarbagan. Izv. Irk. os.
protivochum. inst. 8:102-110 '50. (MIRA 1:12)
(BODY TEMPERATURE) (MARMOTS)

LISHKOVICH, L.I.

Imminent problems in the theory and practice of producing vaccine strains. Zhur. mikrobiol.epid. i immun. 27 no.6:93-98 Je '56.

(MLRA 9:8)

1. Iz Sredneaziatskogo nauchno-issledovatel'skogo protivochurnogo instituta.

(VACCINES AND VACCINATION
vaccine strain obtaining)

LESHKOVICH, L.I.

Effect of x rays on virulent and immunogenic properties of Vibrio
comma. Zhur.mikrobiol.evid. i immun. 29 no.2:34-38 P '58.

(MIRA 11-4)

1. Iz Sredneaziatskogo nauchno-issledovatel'skogo protivochumogo
instituta.

(VIBRIO COMMA, effect of radiations,

x-rays (Rus)

(ROENTGEN RAYS, effects,

on Vibrio comma (Rus)

LESHKOVICH, L.I.

Relation of pathomorphological manifestations of the
vaccinal process and the immunogenicity of live plague
vaccines. Zhur. mikrobiol., epid. i immunit. 40 no.3:86-90
Mr '63. (MIRA 17:2)

1. Iz Sredne-Aziatskogo nauchno-issledovatel'skogo protivo-
chumnogo instituta.

REF ID: A66715

AID : - 484

Subject : USSR, Nuclear Physics

Card 1/1 Pub. 58 - 13/15

Author : Leshkovtsev, A.

Title : Atomic Energy Serves Man

Periodical : Kryl. rod., 9, 19-21, S 1954

Abstract : The author explains how atomic energy may be used for peaceful purposes. He mentions the first atomic electric power plant in the USSR which was completed in 1954, and explains the method and the advantages of this kind of energy transformation. He gives schematic drawings of atomic jet engines for aircraft and rockets. At the end of the article the author criticizes the negative American attitude to the peaceful use of atomic energy. Diagrams, graphs, photos.

Institution : None

Submitted : No date

LESHKOVTSY, G.

Journey into the world of atoms ("A sun on earth" by
E.M. Balabanov. Reviewed by G. Leshkovtsev). Nauka i
zhizn' 24 no.3:61 Mr '57.
(Atomic Power) (Balabanov, E.M.)

(MLRA 10:5)

LIVINGSTON, M.S.; ROSE, M.; NARDIAS, M.E.; CHERENKOV, P.A. [translator]
LESHKOVITSEV, V.A., redaktor; AKHLAMOV, S.N., tekhnicheskiy re-
daktor.

[Cyclotron; collection of articles] TSiklotron; sbornik statei.
Perevod pod red. P.A.Cherenkova. Moskva, Gos. izd-vo tekhniko-
teoret. lit-ry, 1948. 295 p. (MLRA 8:2)
(Cyclotron)

LESHKOVTSKY		PROCESSES AND PROPERTIES INDEX	
6634. Distribution of Nuclear Fissions Close to Large Showers of Heavy Particles. V. Leshkovtsev. <u>Uspekhi Fiz. Nauk</u> 38, No. 3, 1949. 2 p. (Translation) (AEC File No. WP-2179)			
An analysis of Data, which had been reported previously elsewhere, is made which shows that in the fission of nuclei by cosmic particles there occurs not only a flight of different particles making up the nuclei, but also the formation of new particles of the varitron type.			
ASB-51A METALLURGICAL LITERATURE CLASSIFICATION			
13000 517 01100		13000 517 01100	
13000 517 01100		13000 517 01100	